

Caso 9 suma & diferencia cubos perfectos

$$\textcircled{1} 1+a^3 = (1+a)(1-a+a^2)$$

$$\textcircled{2} 1-a^3 = (1-a)(1+a+a^2)$$

$$\textcircled{3} 8x^3 - 27y^3 = (2x-3y)((2x)^2 + 2x \cdot 3y + (3y)^2) \\ (2x-3y)(4x^2 + 6xy + 9y^2)$$